

Title (en)
LOCKING SYSTEM, ESPECIALLY FOR MOTOR VEHICLES

Title (de)
SCHLIESSYSTEM, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)
SYSTEME DE FERMETURE, NOTAMMENT POUR AUTOMOBILES

Publication
EP 1135284 B1 20030514 (DE)

Application
EP 99962093 A 19991129

Priority
• DE 9903773 W 19991129
• DE 19855342 A 19981201

Abstract (en)
[origin: DE19957046A1] The electronic lock has a slot (11) for reception of a coded electronic key, with a switch element (16) operated by key insertion to provide a key insertion signal for exchange of at least one coded operating signal between the key and the lock, which is validated to allow operation of the lock via the key. A locking element (17) cooperates with the key inserted in the slot, for preventing operation of the lock unless the key is correctly inserted, the switch providing the key insertion signal operated via the locking element.

IPC 1-7
B60R 25/02; **B60R 25/04**

IPC 8 full level
B60R 25/02 (2006.01); **B60R 25/04** (2013.01); **B60R 25/20** (2013.01); **B60R 25/24** (2013.01)

CPC (source: EP US)
B60R 25/04 (2013.01 - EP US); **B60R 25/2063** (2013.01 - EP US); **B60R 25/24** (2013.01 - EP US); **B60R 25/248** (2013.01 - EP US);
Y10T 70/5942 (2015.04 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 19957046 A1 20000615; DE 59905584 D1 20030618; EP 1135284 A1 20010926; EP 1135284 B1 20030514; ES 2200581 T3 20040301;
US 7023318 B1 20060404; WO 0032452 A1 20000608

DOCDB simple family (application)
DE 19957046 A 19991126; DE 59905584 T 19991129; DE 9903773 W 19991129; EP 99962093 A 19991129; ES 99962093 T 19991129;
US 85691601 A 20010530